

AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph beginning on page 2 at line 23 with the following amended paragraph:

Knowing further that a single enzyme is generally not enough to catalyze certain biochemical transformations, an enzymatic pool was characterized and tested substantially comprising ~~3- β -hydroxysteroido-dehydrogenase (3- β -HSD) and 17- α -hydroxysteroido-dehydrogenase (17- α -HSD)~~ 3- β -hydroxysteroido-oxido-reductase (3- β -HSOR) and 17- α -hydroxysteroido-oxido-reductase (17- α -HSOR), having a molecular weight of about 100.000 Daltons and being extractable from microorganism cultures such as *Pseudomonas testosteroni*.

Please replace the paragraph beginning on page 3 at line 1 with the following amended paragraph:

This enzyme, or rather enzymatic pool, was thus found in ~~3- β -hydroxysteroido-dehydrogenase (3- β -HSD) and 17- α -hydroxysteroido-dehydrogenase (17- α -HSD)~~ 3- β -hydroxysteroido-oxido-reductase (3- β -HSOR) and 17- α -hydroxysteroido-oxido-reductase (17- α -HSOR), having a molecular weight equal to 100,000 Daltons and being extractable from microorganism cultures such as *Pseudomonas testosteroni*.

Please replace the paragraph beginning on page 6 at line 25 with the following amended paragraph:

There are given in this connection, in table form, the results expressed as nitrogen percent found in receptor liquid, and originating from solutions of complexes of 3- β -HSOR + 17- α -HSOR as enzymes and NAD as a coenzyme, in the presence (With PL) and in absence of phospholipids (Without PL).

Please replace the paragraph beginning on page 7 at line 3 with the following amended paragraph:

The results of table 1 are graphically schematized in Figure 2. Figure 2 represents the nitrogen percentage as a factor of Protein Content, which according to the Kjeldahl method, (a worldwide standard for calculating protein content) corresponds to the formula nitrogen percentage x 6.25 = protein content, where 6.25 is the average protein factor.